

## ABSTRACT

A fuse state detection circuit (300) has a reference circuit part (302, 302') and a fuse detection circuit part (308, 308'), the reference circuit part (302, 302') having a fuse (304, 304') identical to a fuse (306, 306') under detection. A reference voltage is between a voltage of a  
5 blown fuse (306, 306') under detection and a voltage of an un-blown fuse (306, 306') under detection, thus distinguishing a blown state of the fuse (306, 306') under detection from an un-blown state of the fuse (306, 306') under detection.